

Product datasheet for TA358378

NPL Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Specificity: **Expected reactivity**: Cow, Dog, Guinea Pig, Horse, Human, Pig, Rat

Homology: Cow: 93%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Pig: 86%; Rat:

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 25kDa

Gene Name: N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase)

Database Link: NP 001186981

Entrez Gene 80896 Human

O9BXD5

Background: This gene encodes a member of the N-acetylneuraminate lyase sub-family of (beta/alpha)(8)-

> barrel enzymes. N-acetylneuraminate lyases regulate cellular concentrations of N-acetylneuraminic acid (sialic acid) by mediating the reversible conversion of sialic acid into Nacetylmannosamine and pyruvate. A pseudogene of this gene is located on the short arm of chromosome 2. Alternatively spliced transcript variants encoding multiple isoforms have

been observed for this gene.



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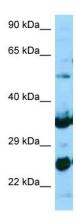
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Synonyms: C1orf13; c112; DHDPS1; MGC61869; MGC149582; NALase; NPL1; OTTHUMP00000033259

Protein Pathways: Amino sugar and nucleotide sugar metabolism

Product images:



WB Suggested Anti-NPL Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell